

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L11	1087	349/ 164,165,104,115,71,186,79.ccls.	US-PGPUB; USPAT	OR	ON	2008/10/22 16:34
L12	316	349/ 164,165,104,115,71,186,79.ccls. and (dye dyestuff pigment ink coloring colorant luminescen\$3 cathod\$luminescen\$3 photo \$emission photo\$emissive photo\$emit\$3 photo\$luminescen\$3 phosphor fluorophor luminophor luminous fluorescen\$3 phosphorescen\$3) with (mix\$3 dispers\$3 incorpor\$3 dissolv\$3 dop\$3 suspens\$4 embed \$4 guest) with (liquid near3 crystal)	US-PGPUB; USPAT	OR	ON	2008/10/22 16:34
S1	1	"6211931".pn.	US-PGPUB; USPAT	OR	ON	2008/10/20 12:43
S2	1	"20070273265"	US-PGPUB; USPAT	OR	ON	2008/10/20 12:49
S3	1	"6252254".pn.	US-PGPUB; USPAT	OR	ON	2008/10/20 13:11
S4	0	"2002158565"	US-PGPUB; USPAT	OR	ON	2008/10/20 13:12
S5	2	"20020158565"	US-PGPUB; USPAT	OR	ON	2008/10/20 13:12
S6	1	"5762823".pn.	US-PGPUB; USPAT	OR	ON	2008/10/20 13:13
S7	1	"0033390"	EPO; JPO; DERWENT	OR	ON	2008/10/20 13:20
S8	407499	((filter\$3 ((light spectrum wave?length color) near3 (shift\$3 convert\$4 modulat\$3 chang\$3 alter\$3))) same (voltage current potential power))	US-PGPUB; USPAT	OR	ON	2008/10/20 14:56
S9	50652	((filter\$3 ((light spectrum wave?length color) near3 (shift\$3 convert\$4 modulat\$3 chang\$3 alter\$3))) same (voltage current potential power) same (electrode anode cathode))	US-PGPUB; USPAT	OR	ON	2008/10/20 14:56
S10	13506	((filter\$3 ((light spectrum wave?length color) near3 (shift\$3 convert\$4 modulat\$3 chang\$3 alter\$3))) same (voltage current potential power) same (electrode anode cathode))	EPO; JPO; DERWENT	OR	ON	2008/10/20 14:57
S11	512	((filter\$3 ((light spectrum wave?length color) near3 (shift\$3 convert\$4 modulat\$3 chang\$3 alter\$3))) with (voltage current potential power) with (increas\$3 decreas\$3 great\$3 enhanc\$3 small\$3)) same (electrode anode cathode)	EPO; JPO; DERWENT	OR	ON	2008/10/20 14:58
S12	193	((filter\$3 ((light spectrum wave?length color) near3 (shift\$3 convert\$4 modulat\$3 chang\$3 alter\$3))) with (voltage current potential power) with (increas\$3 decreas\$3 great\$3 enhanc\$3 small\$3)) same (electrode anode cathode) and light	EPO; JPO; DERWENT	OR	ON	2008/10/20 14:59
S13	2752	((filter\$3 ((light spectrum wave?length color) near3 (shift\$3 convert\$4 modulat\$3 chang\$3 alter\$3))) with (voltage current potential power) same (electrode anode cathode) and light	EPO; JPO; DERWENT	OR	ON	2008/10/20 15:01

S14	40	((filter\$3 ((light spectrum wave?length color) near3 (shift\$3 convert\$4 modulat\$3 chang\$3 alter\$3))) with (voltage current potential power)) same (electrode anode cathode) and light and absorb\$3 and transmit\$5	EPO; JPO; DERWENT	OR	ON	2008/10/20 15:02
S15	6	((filter\$3 ((light spectrum wave?length color) near3 (shift\$3 convert\$4 modulat\$3 chang\$3 alter\$3))) with (voltage current potential power)) same (electrode anode cathode) and light and absorb\$3 and transmit\$5 and (emissive emission emit\$5)	EPO; JPO; DERWENT	OR	ON	2008/10/20 15:04
S16	2	"08095092"	EPO; JPO; DERWENT	OR	ON	2008/10/20 15:09
S17	1	1996-242607.NPAN.	DERWENT	OR	ON	2008/10/20 15:09
S18	441	*349"/\$.ccls. and ((dichromatic near3 (dye pigment ink))	US-PGPUB; USPAT	OR	ON	2008/10/20 17:11
S19	40	*349"/\$.ccls. and ((dichromatic near3 (dye pigment ink)) same (voltage current potential power))	US-PGPUB; USPAT	OR	ON	2008/10/20 17:12
S20	3706	*349"/\$.ccls. and ((luminescen\$3 cathod \$luminescen\$3 photo\$emission photo \$emissive photo\$emit\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light \$emitting light\$emission ((luminous light near3 (emissive emitting emission)) near3 (region material composition matter compound substance structure element layer film member)) with liquid)	US-PGPUB; USPAT	OR	ON	2008/10/20 17:20
S21	176	*349"/\$.ccls. and ((luminescen\$3 cathod \$luminescen\$3 photo\$emission photo \$emissive photo\$emit\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3) with (mix\$3 dispers\$3 dop \$3 suspen\$4 embed\$4 guest) with crystal)	US-PGPUB; USPAT	OR	ON	2008/10/20 17:22
S22	105	*349"/\$.ccls. and ((luminescen\$3 cathod \$luminescen\$3 photo\$emission photo \$emissive photo\$emit\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3) with (mix\$3 dispers\$3 dop \$3 suspen\$4 embed\$4 guest) with crystal) and ((luminescen\$3 cathod \$luminescen\$3 photo\$emission photo\$emissive photo\$emit\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3) same (current voltage potential power energy))	US-PGPUB; USPAT	OR	ON	2008/10/20 17:23
S23	111	*349"/\$.ccls. and ((luminescen\$3 cathod \$luminescen\$3 photo\$emission photo \$emissive photo\$emit\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3) with (mix\$3 dispers\$3 dissolv\$3 dop\$3 suspen\$4 embed\$4 guest) with crystal) and ((luminescen\$3 cathod \$luminescen\$3 photo\$emission photo \$emissive photo\$emit\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3) same (current voltage potential power energy))	US-PGPUB; USPAT	OR	ON	2008/10/20 17:26

S24	29	("3597044"   "3663086"   "3703329"   "3771065"   "3844637"   "3864022").PN. OR ("3960753").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/20 19:33
S25	26	("3844637"   "3960753"   "4026637"   "4142781"   "4176198").PN. OR ("4416515").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/20 21:47
S26	153	((luminescen\$3 cathod\$ luminescen\$3 photo \$emission photo\$ emissive photo\$ emitt\$3 photo\$ luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3) with (mix\$3 dispers\$3 dissolv\$3 dop\$3 suspen\$4 embed\$4 guest) with crystal) and ((luminescen\$3 cathod\$ luminescen\$3 photo \$emission photo\$ emissive photo\$ emitt\$3 photo\$ luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3) same (current voltage potential power energy))	EPO; JPO; DERWENT	OR	ON	2008/10/20 22:34
S27	854	((luminescen\$3 cathod\$ luminescen\$3 photo \$emission photo\$ emissive photo\$ emitt\$3 photo\$ luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3) with (mix\$3 dispers\$3 dissolv\$3 dop\$3 suspen\$4 embed\$4 guest) with crystal) and ((luminescen\$3 cathod\$ luminescen\$3 photo \$emission photo\$ emissive photo\$ emitt\$3 photo\$ luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3))	EPO; JPO; DERWENT	OR	ON	2008/10/20 22:38
S28	478	((luminescen\$3 cathod\$ luminescen\$3 photo \$emission photo\$ emissive photo\$ emitt\$3 photo\$ luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3) with (mix\$3 dispers\$3 dissolv\$3 dop\$3 suspen\$4 embed\$4 guest) with crystal) and ((luminescen\$3 cathod\$ luminescen\$3 photo \$emission photo\$ emissive photo\$ emitt\$3 photo\$ luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3)) and (light radiat\$3)	EPO; JPO; DERWENT	OR	ON	2008/10/20 22:38
S29	156	((luminescen\$3 cathod\$ luminescen\$3 photo \$emission photo\$ emissive photo\$ emitt\$3 photo\$ luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3) with (mix\$3 dispers\$3 dissolv\$3 dop\$3 suspen\$4 embed\$4 guest) with (LC (liquid near3 crystal))) and ((luminescen\$3 cathod\$ luminescen\$3 photo\$ emission photo \$ emissive photo\$ emitt\$3 photo\$ luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3)) and (light radial\$3)	EPO; JPO; DERWENT	OR	ON	2008/10/20 22:39
S30	1	"20070273265"	US-PGPUB; USPAT	OR	ON	2008/10/21 17:35
S31	20	("3385469"   "4154746"   "4185894"   "4211473").PN. OR ("4425029").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/21 20:18
S32	213	((luminescen\$3 cathod\$ luminescen\$3 photo \$emission photo\$ emissive photo\$ emitt\$3 photo\$ luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3) with (mix\$3 dispers\$3 dissolv\$3 dop\$3 suspen\$4 embed\$4 guest) with (liquid near3 crystal))	EPO; JPO; DERWENT	OR	ON	2008/10/21 20:23

S33	454	((luminescen\$3 cathod\$ luminescen\$3 photo \$emission photo\$ emissive photo\$ emit\$3 photo\$ luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3) with (mix\$3 dispers\$3 matrix incorporat\$3 dissolv\$3 dop\$3 suspen\$4 embed\$4 guest) with (liquid near3 crystal))	EPO; JPO; DERWENT	OR	ON	2008/10/21 20:26
S34	256	((luminescen\$3 cathod\$ luminescen\$3 photo \$emission photo\$ emissive photo\$ emit\$3 photo\$ luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3) with (mix\$3 dispers\$3 incorporat\$3 dissolv\$3 dop\$3 suspen\$4 embed\$4 guest) with (liquid near3 crystal))	EPO; JPO; DERWENT	OR	ON	2008/10/21 20:27
S35	299	((luminescen\$3 cathod\$ luminescen\$3 photo \$emission photo\$ emissive photo\$ emit\$3 photo\$ luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 phosphorescen\$3) with (mix\$3 dispers\$3 incorporat\$3 dissolv\$3 dop\$3 suspen\$4 embed\$4 guest) with (liquid near3 crystal))	EPO; JPO; DERWENT	OR	ON	2008/10/21 20:28
S36	1	"4556287".pn.	US-PPGUB; USPAT	OR	ON	2008/10/21 20:38
S37	22	("3814501"   "3824003"   "3912366"   "3960753"   "4116544"   "4142781"   "4208106"   "4337999").PN. OR ("4556287").URPN.	US-PPGUB; USPAT; USOCR	OR	ON	2008/10/21 20:42
S38	1	"0219479"	EPO; JPO; DERWENT	OR	ON	2008/10/21 21:24
S39	28	"219479"	EPO; JPO; DERWENT	OR	ON	2008/10/21 21:25
S40	32	"219480"	EPO; JPO; DERWENT	OR	ON	2008/10/21 21:25
S41	7159422	"3"	EPO; JPO; DERWENT	OR	ON	2008/10/21 21:34
S42	11	"349"/\$.ccls. and watanabe-hiroshi.in.	US-PPGUB; USPAT	OR	ON	2008/10/21 21:34
S43	1	"5762823".pn.	US-PPGUB; USPAT	OR	ON	2008/10/21 22:51
S44	343	"349"/\$.ccls. and (cholesteric near3 filter\$3)	US-PPGUB; USPAT	OR	ON	2008/10/21 22:53
S45	279	"349"/\$.ccls. and (cholesteric near3 filter\$3) same (liquid crystal)	US-PPGUB; USPAT	OR	ON	2008/10/21 22:53
S46	151	(cholesteric near3 filter\$3) same (liquid crystal)	EPO; JPO; DERWENT	OR	ON	2008/10/21 22:54
S47	7	(cholesteric near3 gel) same (liquid crystal)	EPO; JPO; DERWENT	OR	ON	2008/10/21 22:55
S48	16	((cholesteric near3 gel) same (liquid crystal)) and "349"/\$.ccls.	US-PPGUB; USPAT	OR	ON	2008/10/21 22:56
S49	1630	((cholest\$5 with reflect\$3) same (liquid crystal)) and "349"/\$.ccls.	US-PPGUB; USPAT	OR	ON	2008/10/21 22:59
S50	71	((luminescen\$3 cathod\$ luminescen\$3 photo \$emission photo\$ emissive photo\$ emit\$3 photo\$ luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3) with (mix\$3 dispers\$3 matrix incorporat\$3 dissolv\$3 dop\$3 suspen\$4 embed\$4 guest) with (liquid near3 crystal)) and (reflect\$3)	EPO; JPO; DERWENT	OR	ON	2008/10/21 23:00

S51	0	((luminescen\$3 cathod\$luminescen\$3 photo \$emission photo\$semisive photo\$emit\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3) with (mix\$3 dispers\$3 matrix incorporat\$3 dissolv\$3 dop\$3 suspen\$4 embed\$4 guest) with (liquid near3 crystal)) and (reflect\$3 near4 (switchable control\$5)) and "349"/\$.cols.	EPO; JPO; DERWENT	OR	ON	2008/10/21 23:14
S52	1	((luminescen\$3 cathod\$luminescen\$3 photo \$emission photo\$semisive photo\$emit\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3) with (mix\$3 dispers\$3 matrix incorporat\$3 dissolv\$3 dop\$3 suspen\$4 embed\$4 guest) with (liquid near3 crystal)) and (reflect\$3 near4 (switchable)) and "349"/\$.cols.	US-PPGUB; USPAT; USOOCR	OR	ON	2008/10/21 23:15
S53	3	((luminescen\$3 cathod\$luminescen\$3 photo \$emission photo\$semisive photo\$emit\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3) with (mix\$3 dispers\$3 matrix incorporat\$3 dissolv\$3 dop\$3 suspen\$4 embed\$4 guest) with (liquid near3 crystal)) and (reflect\$3 near4 (switchable))	US-PPGUB; USPAT; USOOCR	OR	ON	2008/10/21 23:16

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